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CHISSO CORP

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(72) inventor:

**MAKINO SOICHI MORITA YUTAKA** 

(54) POLYNUCLEOTIDE FOR DETECTING BACILLUS ANTHRACIS AND METHOD FOR DETECTING BACILLUS ANTHRACIS USING THE SAME

(57) Abstract:

PURPOSE: To obtain a new polynucleotide having high specificity as a DNA probe for detecting Bacillus anthracis.

CONSTITUTION: This polynucleotide is complementary to a nucleotide sequence capable of coding a capA gene of a plasmid of Bacillus anthracis and has a sequence group expressed by the formula or a complementary sequence corresponding thereto. The polynucleotide is obtained by chemical synthesis.

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ACCCCTITAALCALCCTCATCTTCACTATGTGGGTGGTGGTGALAATTTCALAAATGTAAAAAAT COLOGRACITATIOCALGRADAGAAGAACCAROTICETTAAGTATELACCCARATETATTACTT ANDCHARTTAGTARCOCAR AGGATECT